SHARP SERVICE MANUAL

S59G6TU-M100/

TV TUNER



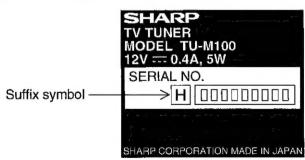
MODEL TU-M100

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified be used.

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The supplied accessories (AC Adapter etc.) of this model are different depending on their suffix symbols. Before servicing the units, be sure to check the suffix symbol on the model label that is applied on the bottom side of the unit. Example of suffix symbol



1. IMPORTANT SERVICE SAFETY PRECAUTION

 Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines which follow:

WARNING

- For continued safety, no modification of any circuit should be attempted.
- 2. Disconnect AC power before servicing.

CAUTION FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. F101 (630mA,

250V) FUSE.

BEFORE RETURNING THE TUNER

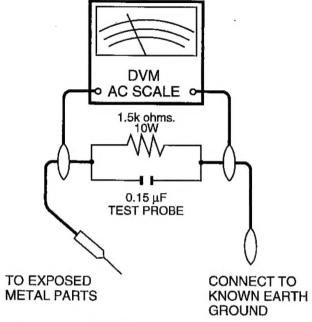
(Fire & Shock Hazard)

Before returning the tuner to the user, perform the following safety checks:

- Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the tuner.
- Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
- To be sure that no shock hazard exists, check for current in the following manner.
- Plug the AC Adaptor directly into a 100~240 volt AC outlet, and connect the DC power cable into the tuner's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC Adaptor plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.3V RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in TV tuner have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by

" \(\!\ \) and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock. fire, or other hazards.

2. SPECIFICATIONS

	Item	Sı	pecifications	
Receiving E	Broadcast Standard	CCIR TV Standard system NTSC-M PAL-B/G, D/K, I, M		
Sound System		CCIR TV Standard M, B/G, D/K, i		
Receiving S	System and Frequency			
	AREA	VHF	UHF	
	US	US2-US13 CH	US14-US69 CH	
	UK/HONG KONG	E2-E12 CH, ItalyA-H1 CH	E21-E69 CH	
	CCIR	E2-E12 CH, ItalyA-H1 CH	E21-E69 CH	
1	JAPAN	J1-J12 CH	J13-J62	
	CHINA	C1-C12 CH	C13-C57 CH	
	FREE	44.25-423.25 MHz	431.25-863.25 MHz	
Power Sou	rce	DC 12V		
Power Con	sumption	5W at DC 12V operation		
Dimensions	s (approx.)	210 mm (width) x 150 mm (depth) x 30 mm (height)		
		(8-17/64 x 50-29/32 x 1-3/16 (inch))		
Weight (ap	prox.)	460 g		
Terminals				
	Antenna input	VHF/UHF 75 Ω unbalanced	-	
	Antenna Output	VHF/UHF 75 Ω unbalanced		
	Video Output	75 Ω 1 Vpp unbalanced		
	Audio Output	1 kΩ 0.5 Vrms unbalanced		
	DC Input	EIAJ type IV, DC 12V		
	Remote Input	ø3.5 Mini-jack		
Power Sup	ply (AC-adapter)			
	Input	AC 110-240V 50/60 Hz Auto-wie	de type	
	Output	DC 12V 0.4A	**	
Supplied A	ccessories	AC Adapter (with AC plug), Anter	nna Adapter (in x 1/out x 1), Remote Control,	
		Batteries for remote control, AV Cable, Operation Manual		

- Design and specifications are subject to change without notice.
- Receivable channels:

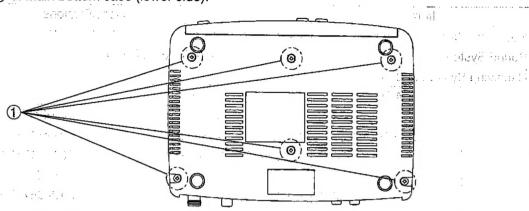
Examples of receivable channels are shown above.

3. DISASSEMBLY OF THE SET

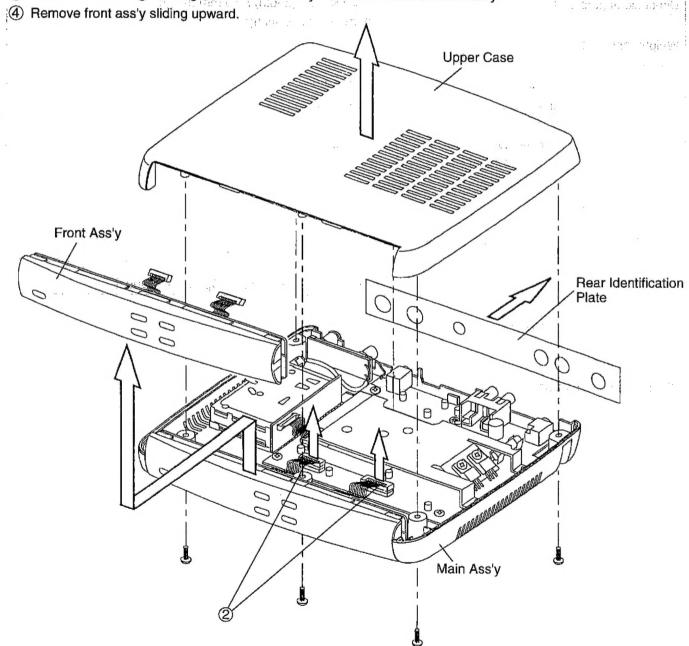
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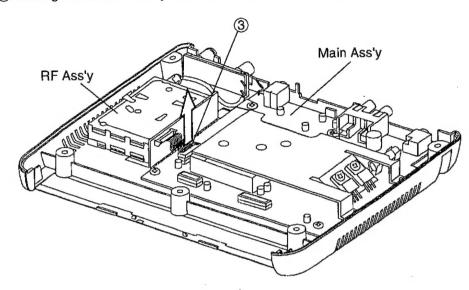
① Remove 6 screws ① of main bottom case (lower side).



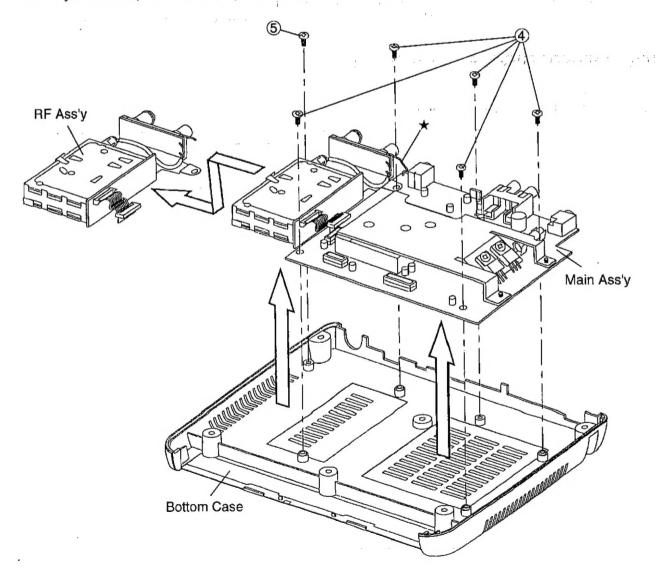
- 2 Remove the upper case and remove rear identification plate in same time.
 - Rear identification plate is stuck with both face tape. Remove it stripping slowly.
- 3 Pull out 2 cables 2 coming out from front ass'y from connectors of main ass'y.



. ⑤ Pull out 1 cable ③ coming out from RF ass'y from connectors of main ass'y.



- ⑥ Remove 5 screws ④ fixing main ass'y and 1 screw ⑤ fixing RF ass'y, and remove main ass'y and RF ass'y together not to damage the point of ★ mark.
- * When you must separate main ass'y and RF ass'y, cut the part of the ★ mark.



4. ADJUSTMENT PROCEDURE

1. Wave detection coil adjustment (TR102)

SG conditions: Input frequency 43.25 MHz

Input level 80 dBu

Modulation signal 10-step step wave, B/G, PAL signal

Adjustment method: Set TR101 to the best position, monitoring DG/DP on a video analyzer.

2. AGC adjust (VR101)

SG conditions: Input frequency 43.25 MHz

Input level 80 dBu

Modulation signal White 0%, B/G, PAL signal

Adjustment method: Adjust VR101 roughly so as to get 44 dB, monitoring S/N on a video analyzer, and

check the voltage of TP1 (3.8 \pm 0.2V).

If TP1 is out of standard, readjust the voltage, monitoring it, and check that S/N is 42

dB or more.

3. AFT adjust (TR101)

SG conditions: Input frequency 43,25 MHz

Input level 80 dBu

Modulation signal Color pattern, B/G, PAL signal

Adjustment method: Adjust the voltage of TR101 coil so as to get $4.2 \pm 0.2V$, monitoring TP1 voltage on a

tester etc.

4. OSD dot clock adjustment

Adjustment condition: To be performed in the state where OSD is output.

Adjustment method: Adjust TC101, monitoring TP4 on a counter.

Adjust it to 7 MHz roughly, and then set it to the best position on a TV screen.

5. SOLID STATE DEVICE BASE DIAGRAM

IC101 M38024M6-361FP INTEGRATED CIRCUIT TERMINAL FUNCTION

Pin No	Terminal name	1/0	Function			
1	PST	1	State of power revert after reset			
			H: Revert to state before reset (usually setup level)			
			L: Standby mode			
2	AGC	1	AGC voltage input (no use)			
3	AFT	1	AFT voltage input			
4	V_SYNC	ı	Vertical sync signal input			
5	V_MUTE	0	Video mute (Active H)			
6	A_MUTE	0	Audio mute (Active L)			
7	H_SYNC	I	Horizontal sync signal input			
8	OXTAL	0	Ocsillation switch for OSD (L: 3.58 H: 4.43)			
9	OEN	0	OSD IC enable (Active L)			
10	OCLK	0	OSD IC clock			
11	ODATA	0	OSD IC data			
12	EMP	0	DE_EMP switch (system "M" : L others : H)			
13	SSW3	0	SSW1 SSW2 SSW3 System			
14	SSW2	0	Mode SW H L L: M L L H: D/K			
15	SSW1	0	L H L: L L: B/G			

Pin No	Terminal name	1/0	Function
16	IFSW	0	IF SAW switch (system "M" : L others : H)
17	NC		
18	CNVSS	_	VSS connecter
19	RESET	_	Microcomputer reset input
20	REMOTE		Remote control input
21	NC	_	
22	XIN	_	Clock input
23	XOUT	_	Clock output
24	VSS	_	GND
25	NC	_	
26	NC	_	
27	NC	_	
28	NC	-	
29	NC	—	
30	NC		
31	RSCL	0	RF unit I ² C clock
32	RSDA	1/0	RF unit I ² C data
33	NC	-	
34	NC	-	
35	PLED ON	0	Power LED (green)
36	PLED OFF	0	Stand by LED (red)
37	DIG3	0	Front status (area, system) display common
38	DIG2	0	Front key input common
39	DIG1	0	Front seven segments two figures common
40	DIGO	0	Front seven segments one figure common
41	SEG7	0	Front display segment
42	SEG6	0	Front display segment
43	SEG5	0	Front display segment
44	SEG4	0	Front display segment
45	SEG3	0	Front display segment
46	SEG2	0	Front display segment
47	SEG1	0	Front display segment
48	SEG0	0	Front display segment
49	KEY4	ı	Key input (power)
50	KEY3	1	Key input (▲)
51	KEY2	1	Key input (▼)
52	KEY1	1	Key input (preset)
53	KEY0	I	Key input (system)
54	NC	-	

Pin No	Terminal name	1/0	Function - strap legge
55	NC	_	the state of the s
56	NC	_	
57	VCC	_	Power
58	VREF	_	AD standard voltage
59	AVSS	_	Analog power
60	POWER	0	Power control
61	EDI	1	Data output to E²PROM
62	EDO	0	Data input to E ² PROM
63	ESK	0	E²PROM clock
64	ECS	0	E²PROM chip select (Active H)

IC102 AK93C75AV INTEGRATED CIRCUIT TERMINAL FUNCTION

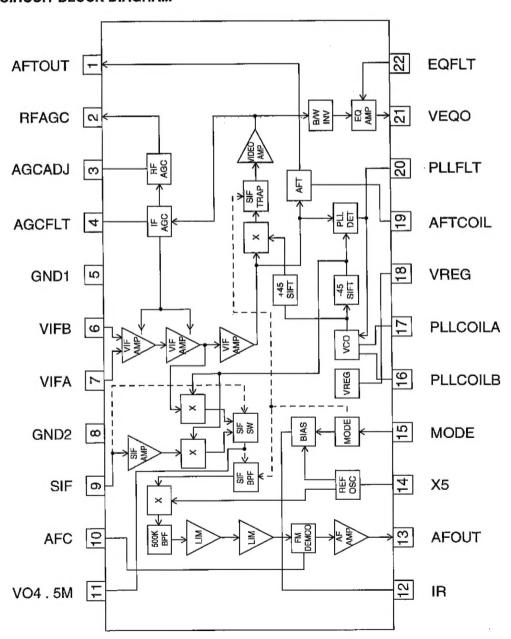
Pin No	Terminal name	1/0	Function	
1	CS	1	Chip select	
2	SK	1	Serial clock input	
3	DI	ı	Serial data input	
4	DO	0	Serial data output	
5	GND	_	GND	
6	NC	_		
7	NC	_		
8	VCC	1	Power	

IC103 BA7357S INTEGRATED CIRCUIT TERMINAL FUNCTION

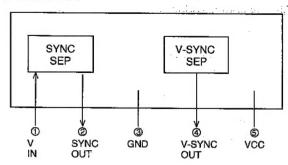
Pin No	Terminal name	1/0	Function
1	AFTOUT	0	AFT output
2	RFAGC	0	RF-AGC output
3	AGCADJ	_	Adjustment of RFAGC delay point
4	AGCFLT	_	IFAGC filter
5	GND1	_	GND for VIF. AGC, AFT
6	VIFB	1	Video IF input
7	VIFA	ı	Video IF input
8	GND2	_	GND for SIF, PLL
9	SIF	ı	Audio IF input
10	AFC	_	Filter for audio inspection of waveform
11	VO4.5M	_	2NDSIF output
12	IR	_	Filter bias resister (within +-1%)
13	AFOUT	0	AUDIO output

Pin No	Terminal name	I/O	Function		
14	X 5	_	Filter system standard frequency oscillate		
15	MODE	ı	Mode SW 0V: M mode		
			2.4V: D/K mode		
			4.3V : I mode		
			VREG : B/G mode		
16	PLLCOILB	_	PLL oscillation COIL		
17	PLLCOILA		PLL oscillation COIL		
18	VREG	_	Power for IF circuit		
19	AFTCOIL	_	AFT coil		
20	PLLFLT	_	Filter for PLL phase inspection of waveform		
21	VEQO	0	Video output after EQ amp		
22	EQFLT	_	EQ filter		

INTEGRATED CIRCUIT BLOCK DIAGRAM



IC104 LA7213 INTEGRATED CIRCUIT BLOCK DIAGRAM

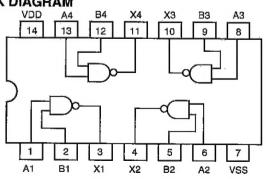


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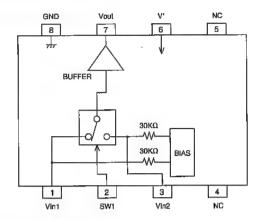
IC105 M35017-001FP INTEGRATED CIRCUIT TERMINAL FUNCTION

Pin No	Terminal name	1/0	Function
1	OSC1	1	Occillate sire vit for other bounded
2	OSC2	0	Oscillate circuit for attach outside
3	CS	1	Chip select input
4	SCK	ı	Serial clock input
5	SIN	ı	Serial data input
6	AC	1	Auto clear input
7	VDD2	_	Power
8	CVIDEO	0	Compound video signal output
9	LECHA	ı	Character level input
10	CVIN	1	Compound video signal input
11	VSS	_	GND
12	P0	0	General-purpose output
13	P1	0	General-purpose output
14	P2	0	General-purpose output
15	P3	0	General-purpose output
16	LP	0	Filter connecter
17	OSCIN	1	Sub carrier input for sync signal occurrence NTSC: 3.58MHz PAL: 4.43MHz
18	HOR	1	Horizontal sync signal input
19	VERT	1	Virtical sync signal input
20	VDD1		Power

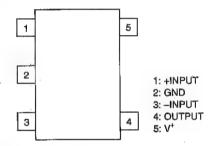
IC106 TC4011BF INTEGRATED CIRCUIT BLOCK DIAGRAM



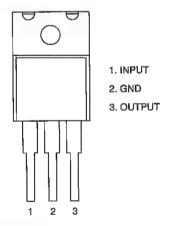
IC107 NJM2533M INTEGRATED CIRCUIT BLOCK DIAGRAM



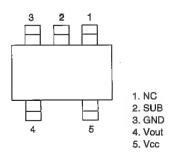
IC108 NJM2125F INTEGRATED CIRCUIT BLOCK DIAGRAM

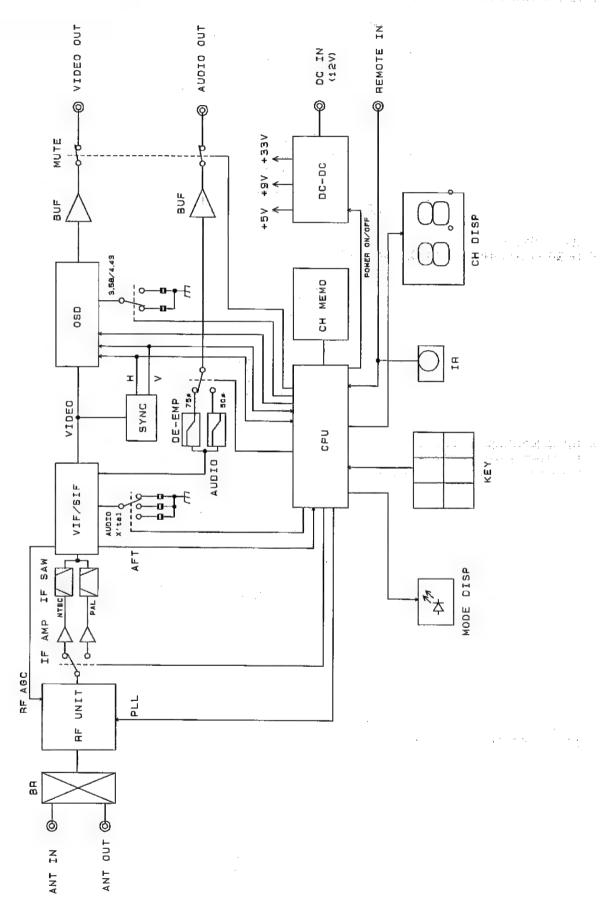


IC109 NJM78M09FA(9VReg) IC110 NJM78M05FA(5VReg) INTEGRATED CIRCUIT BLOCK DIAGRAM



IC111 PST9143NR INTEGRATED CIRCUIT BLOCK DIAGRAM





7. SCHEMATIC DIAGRAM

DESCRIPTION OF SCHEMATIC DIAGRAM

- 1. When the exclusive-use AC adapter is used, the color bar signal of color bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 k Ω /V tester.
- 2. When the exclusive-use AC adapter is used, the color density, lightness and color hue are set to the center position, and the signal of color bar generator for service is observed to get waveform. The waveform test point is indicated with the mark (O) in the wiring diagram.
- 3. Indication of resistors and capacitors

[Resistor]

Unit: Nonindication $\cdots \Omega$, $K \cdots k\Omega$,

 $M \cdots M\Omega$

Error: Nonindication ... ±10%

J ... ±5%

F ... ±1%

D ... ±0.5%

[Capacitor]

Unit: Nonindication or μ ··· μF,

Porp...pF

IMPORTANT SAFETY NOTICE:

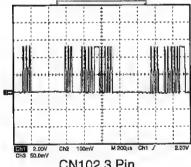
PARTS MARKED WITH " A." () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET.

BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFE-TY AND PERFORMANCE OF THE SET.

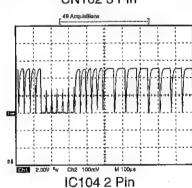
CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

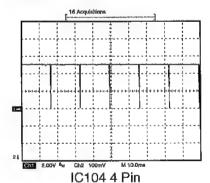
WAVEFORMS

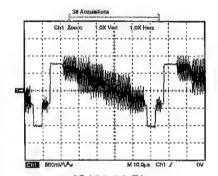




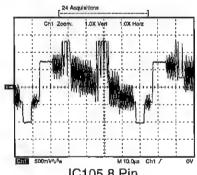


IC103 13 Pin

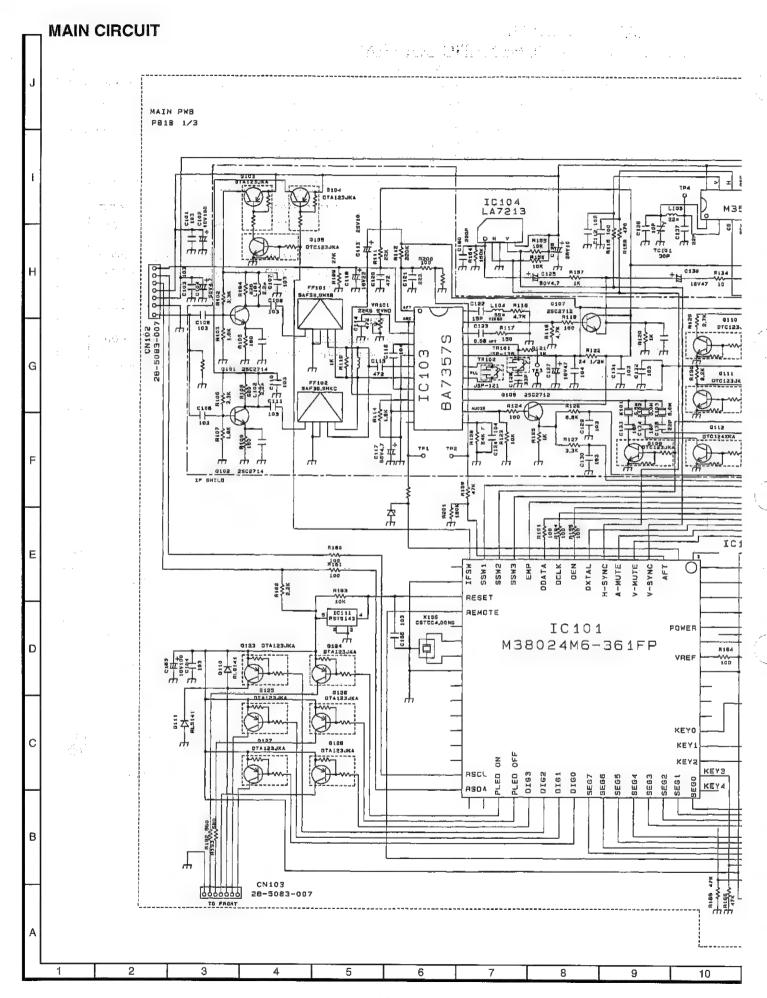




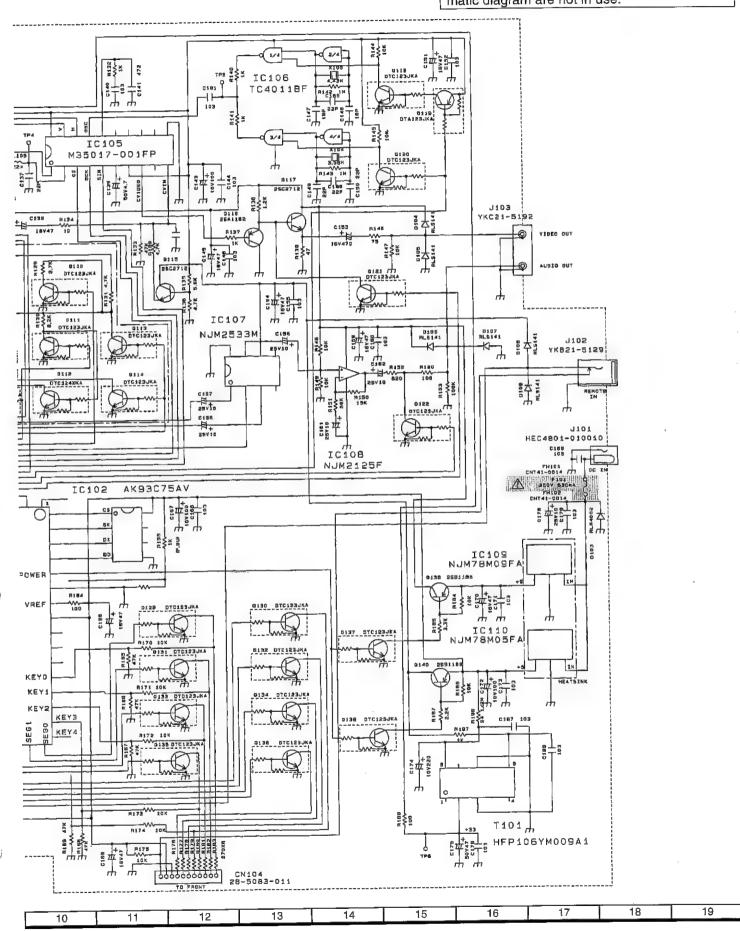
IC103 21 Pin

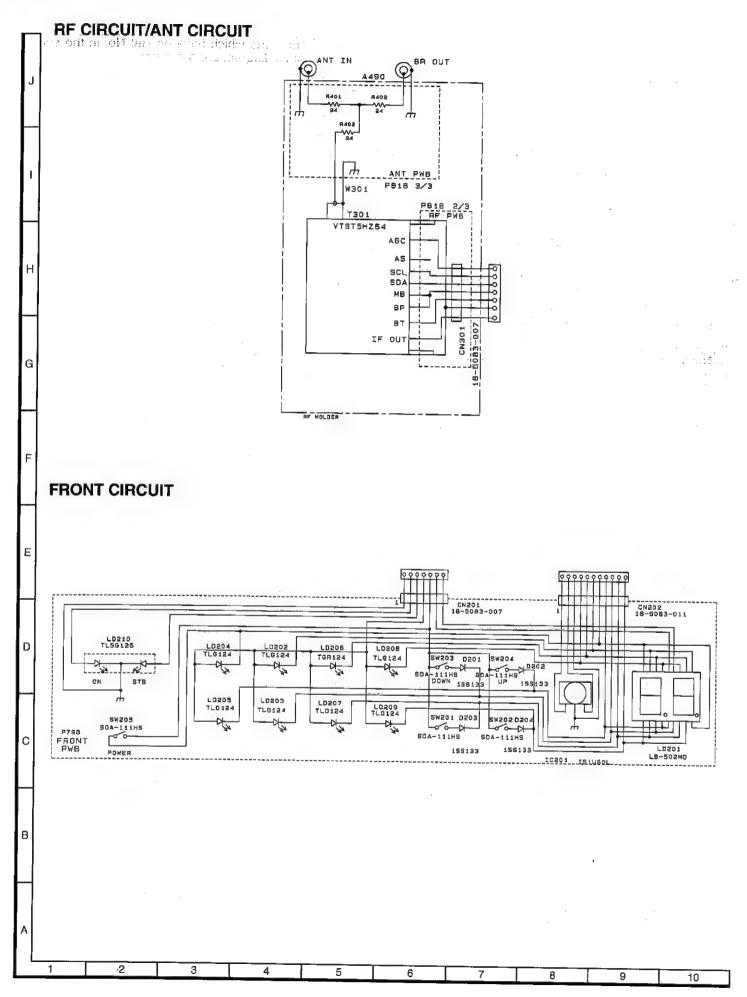


IC105 8 Pin



The parts which have no Ref No. in the schematic diagram are not in use.

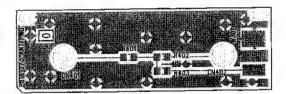




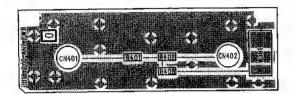
8. PRINTED WIRING BOARD ASSEMBLIES

ANT PWB

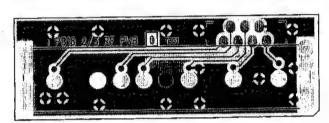
PART SIDE



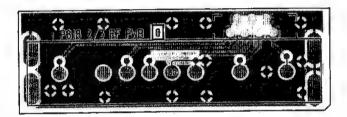
SOLDER SIDE



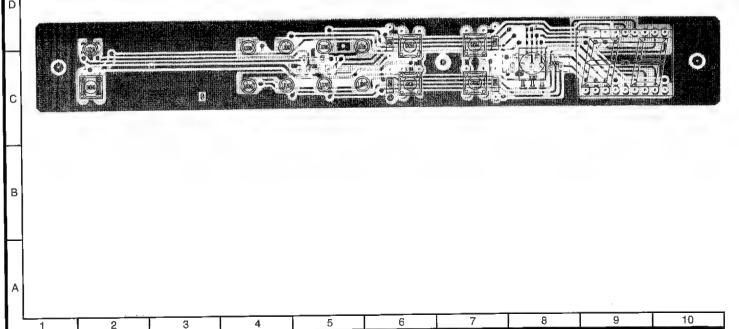
RF PWB PART SIDE

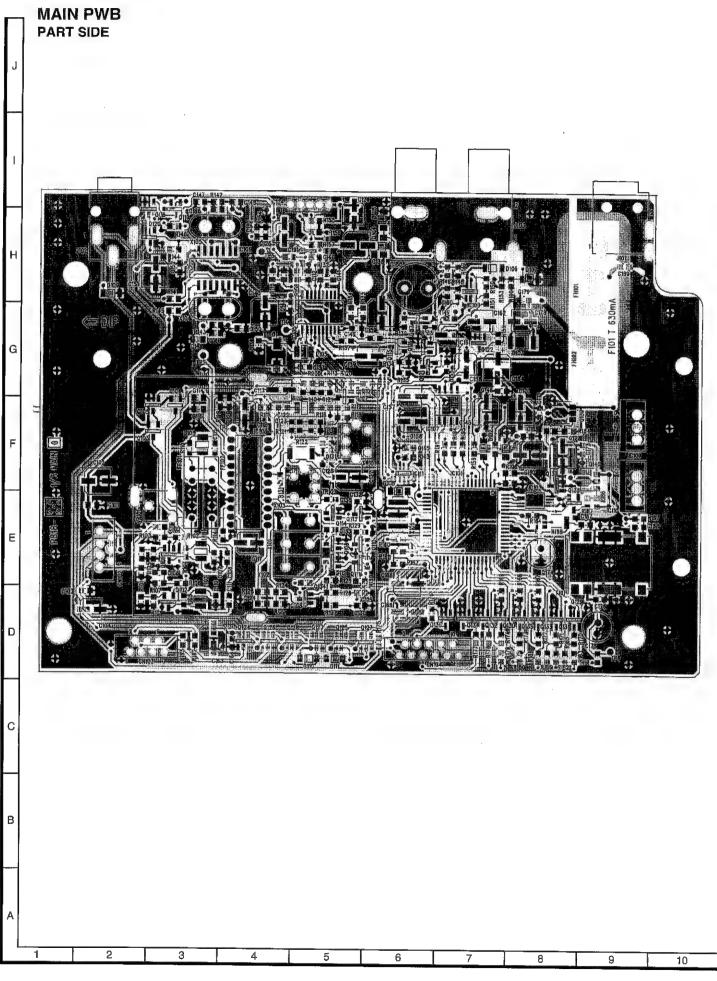


SOLDER SIDE



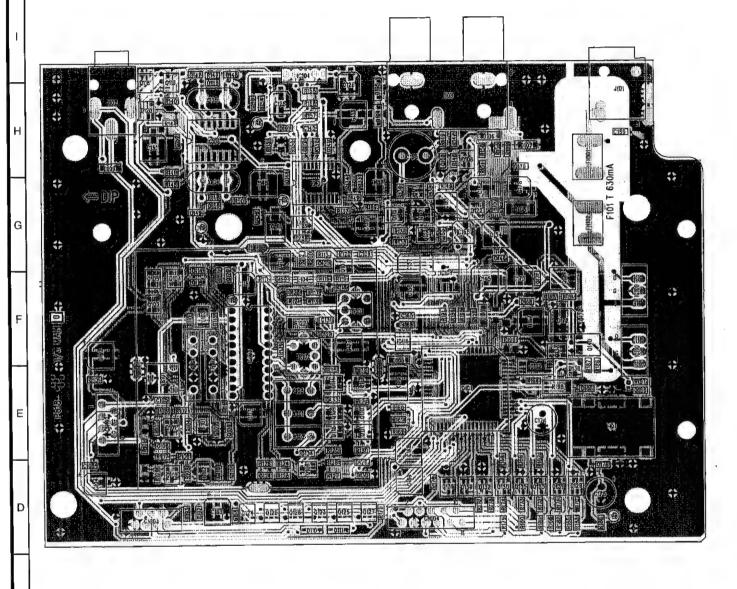
FRONT PWB





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SOLDER SIDE



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#### 9. REPLACEMENT PARTS LIST

#### PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "\(\Lambda\)" and shaded area in the Replacement Parts Lists and schematic diagram. The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

#### "HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 3. PART NO. 2. REF. NO.

4. DESCRIPTION

#### MARK*: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	*	Description	Code
----------	----------	---	-------------	------

## PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

P101	9GH8A2070	- Main Unit	_
P201	9GH8A2073	<ul> <li>Front Unit</li> </ul>	_
P301	9GH8A2071	- RF Unit	_
P401	9GH8A2072	- ANT Unit	_

#### 9GH8A2070 MAIN UNIT(P101)

IN	TE	GR	ΑT	ED	CI	R	CU	117	S

IC101	9GHTY8MAT40	J	M38024M6-361FP,CPU	AY
IC102	9GHTiAK93C75AV	J	AK93C75AV, E2PROM	AQ
IC103	VHiBA7357S/-1	J	BA7357S, VIF/SIF	AR
IC104	VHiLA7213//-1	J	LA7213, SYNC SEP.	AE
IC105	9GHTiM35017FP	J	M35017-001FP, OSG	AS
IC106	VHiTC4011BF-1	J	TC4011BF, NAND	AE
IC107	VHINJM2533M-1	J	NJM2533M, VIDEO SW	AF
IC108	9GHTINJM2125F	J	NJM2125F, OPAMP	AF
IC109	9GHTiNJM78M09F	J	NJM78M09FA, 9VReg	AG
IC110	9GHTINJM78M05F	J	NJM78M05FA, 5VReg	AG
IC111	9GHTiPST9143NR	J	PST9143NR, RESET IC	AG

	TRANS	SIS	STORS	
Q101	9GHTC2714Y	J	TC2714Y	AF
Q102	VS2SC2714Y/1F	J	TC2714Y	AF
Q103	9GHTIDTA123JKA	J	DTA123JKA	AF
Q104	9GHTIDTA123JKA	J	DTA123JKA	AF
Q105	VSDTC123JKA-1	J	DTC123JKA	AF
Q107	VS2SC2712GR-1	J	TC2712GR	AA
Q108	VS2SC2712GR-1	J	TC2712GR	AA
Q109	VSDTC123JKA-1	J	DTC123JKA	AF
Q110	VS.DTC123JKA-1	J	DTC123JKA	AF
Q111	VSDTC123JKA-1	J	DTC123JKA	AF
Q112	9GHTiDTC124XKA	J	DTC124XKA	AF
Q113	VSDTC123JKA-1	J	DTC123JKA	AF
Q114	VSDTC123JKA-1	J	DTC123JKA	AF
Q115	V\$2\$C2712GR-1	J	TC2712GR	AA
Q116	9GHTA1162GR	J	TA1162GR	AF
Q117	VS2SC2712GR-1	J	TC2712GR	AA
Q118	VSDTC123JKA-1	J	DTC123JKA	AF
Q119	9GHTIDTA123JKA	J	DTA123JKA	AF
Q120	VSDTC123JKA-1	J	DTC123JKA	AF
Q121	VSDTC123JKA-1	J	DTC123JKA	AF
Q122	VSDTC123JKA-1	J	DTC123JKA	AF
Q123	9GHTiDTA123JKA	J	DTA123JKA	AF
Q124	9GHTiDTA123JKA	J	DTA123JKA	AF

9GHTIDTA123JKA J DTA123JKA

Q125

Q126	Ref. No.	Part No.	*	Description	Code
DIODES	Q127 Q128 Q129 Q130 Q131 Q132 Q133 Q134 Q135 Q136 Q137 Q138	9GHTIDTA123JKA 9GHTIDTA123JKA-1 VSDTC123JKA-1		DTA123JKA DTA123JKA DTC123JKA	AF AF AF AF AF AF AF AF F
D103   9GHTORLR4002   J RLR4002, 0.8 Diode   AF D104   9GHTORLS141   J RLS141 SW Diode   AF D105   VHDRLS141/1-1   J RLS141 SW Diode   AF D106   VHDRLS141/1-1   J RLS141 SW Diode   AF D107   VHDRLS141/1-1   J RLS141 SW Diode   AF D108   VHDRLS141/1-1   J RLS141 SW Diode   AF D109   VHDRLS141/1-1   J RLS141 SW Diode   AF D109   VHDRLS141/1-1   J RLS141 SW Diode   AF D110   VHDRLS141/1-1   J RLS141 SW Diode   AF D110   VHDRLS141/1-1   J RLS141 SW Diode   AF D110   VHDRLS141/1-1   J RLS141 SW Diode   AF D111			_		
D104   9GHTORLS141	D400				45
X101	D104 D105 D106 D107 D108 D109 D110	9GHTORLS141 VHDRLS141//-1 VHDRLS141//-1 VHDRLS141//-1 VHDRLS141//-1 VHDRLS141//-1 VHDRLS141//-1	77777	RLS141 SW Diode RLS141 SW Diode RLS141 SW Diode RLS141 SW Diode RLS141 SW Diode RLS141 SW Diode RLS141 SW Diode	AF AF AF AF AF AF
X102		CRY	/ST	ALS	
L101 9GHLD467 J NL252018-2R2J 2.2u AF L102 VPARM2R2MR54N J NL252018-2R2J 2.2u AF L104 9GHLD602 J NL252018-390J 39u AF L105 VPARM330K4R3N J NL252018-220J 22u AC TC101 9GHCV039 J 4CRJA030E11 30P AH TR101 9GHLD1080 J 0236JSP-121 AFT Coll AH TR102 9GHLD1081 J 0236JSP-136 Coil AH  VARIABLE RESISTOR  VR101 9GHCV039 J 4CRJA030E11 30P AH TR102 9GHLD1081 J 0236JSP-136 Coil AH  VARIABLE RESISTOR  VR101 9GHCV034 J RH0615CJ4J, 22kB EVND AF  CAPASITORS  C101 VCKYTV1HB103K J 0.01 50V Ceramic AA C102 9GHCDPE71071AC J 100 10V Electrolytic AF C103 VCKYTV1HB103K J 0.01 50V Ceramic AA C104 VCEAPF1HW475M J 4.7 50V Electrolytic AB C105 VCKYTV1HB103K J 0.01 50V Ceramic AA C106 VCKYTV1HB103K J 0.01 50V Ceramic AA C107 VCKYTV1HB103K J 0.01 50V Ceramic AA C108 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 0.01 50V Ceramic AA C113 VCEAPF1EW106M J 10 25V Electrolytic AB C114 VCKYTV1HB472K J 4700p 50V Ceramic AA C115 VCKYTV1HB472K J 4700p 50V Ceramic AA C116 VCKYTV1HB472K J 4700p 50V Ceramic AA C117 VCEAPF1HW475M J 4.7 50V Electrolytic AB C118 VCEAPF1CW226M J 22 16V Electrolytic AB C119 VCKYTV1HB472K J 4700p 50V Ceramic AA C110 VCKYTV1HB472K J 4700p 50V Ceramic AB C111 VCKYTV1HB472K J 4700p 50V Ceramic AA C112 VCKYTV1HB472K J 4700p 50V Ceramic AB C112 VCKYTV1HB472K J 4700p 50V Ceramic AB C112 VCKYTV1B203K J 0.022 25V Ceramic AB C120 VCKYTV1HB472K J 4700p 50V Ceramic AB C121 VCKYTV1EB104K J 0.1 25V Electrolytic AB C122 VCCCTV1HH150J J 15p 50V Ceramic AB C122 VCCCTV1HH150J J 15p 50V Ceramic AB C123 9GHCCPF46841CX J 0.68 25V Ceramic AB C124 VCKYTV1EB104K J 0.1 25V Electrolytic AB C125 VCEAPF1CW476M J 4.7 50V Electrolytic AB C126 VCEAPF1CW476M J 4.7 50V Electrolytic AB C127 VCEAPF1CW476M J 4.7 16V Electrolytic	X102 X103 X104 X105	RFILA0093CEZZ RFILA0042CEZZ RFILC0081GEZZ 9GHFO309 9GHFO310	1 1 1	CSA6.5MTZ 6.5MHz CSA6.5MG 6.0MHz CSA5.0MG 5.0MHz AT-51/ 3.579545MHz AT-51/ 4.433619MHz	AD AD AK AK
L102 VPARM2R2MR54N J NL252018-2R2J 2.2u AF L104 9GHLD602 J NL252018-390J 39u AF L105 VPARM330K4R3N J NL252018-220J 22u AC TC101 9GHCV039 J 4CRJA030E11 30P AH TR101 9GHLD1080 J 0236JSP-121 AFT Coil AH TR102 9GHLD1081 J 0236JSP-136 Coil AH  VARIABLE RESISTOR  VR101 9GHRV084 J RH0615CJ4J, 22kB EVND AF  CAPASITORS  C101 VCKYTV1HB103K J 0.01 50V Ceramic AA C102 9GHCDPE71071AC J 100 10V Electrolytic AF C103 VCKYTV1HB103K J 0.01 50V Ceramic AA C104 VCEAPF1HW475M J 4.7 50V Electrolytic AB C105 VCKYTV1HB103K J 0.01 50V Ceramic AA C106 VCKYTV1HB103K J 0.01 50V Ceramic AA C107 VCKYTV1HB103K J 0.01 50V Ceramic AA C108 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 0.01 50V Ceramic AA C113 VCEAPF1EW106M J 10 25V Electrolytic AB C114 VCKYTV1HB472K J 4700p 50V Ceramic AA C115 VCKYTV1HB472K J 4700p 50V Ceramic AA C116 VCKYTV1HB472K J 4700p 50V Ceramic AA C117 VCEAPF1HW475M J 4.7 50V Electrolytic AB C118 VCEAPF1CW226M J 22 16V Electrolytic AB C119 VCKYTV1HB472K J 4700p 50V Ceramic AA C110 VCKYTV1HB472K J 4700p 50V Ceramic AA C111 VCKYTV1HB472K J 4700p 50V Ceramic AA C112 VCKYTV1B223K J 0.022 25V Ceramic AB C112 VCKYTV1B23K J 0.022 25V Ceramic AA C122 VCCCTV1HH150J J 15p 50V Ceramic AA C123 9GHCCPF46841CX J 0.68 25V Ceramic AB C124 VCKYTV1EB104K J 0.1 25V Electrolytic AB C125 VCEAPF1CW476M J 4.7 50V Electrolytic AB C126 VCEAPF1CW476M J 4.7 50V Electrolytic AB C127 VCEAPF1CW476M J 4.7 50V Electrolytic AB C128 VCCCTV1HH330J J 33p 50V CH		_		<del></del>	
CAPASITORS           C101         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C102         9GHCDPE71071AC         J         100         10V         Electrolytic         AF           C103         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C104         VCEAPF1HW475M         J         4.7         50V         Electrolytic         AB           C105         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C106         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C107         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C108         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C110         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C111         VCKYTV1HB103K         J         0.01         50V         Ceramic         AA           C111         VCKYTV1HB102K         J         0.01         50V         Ceramic         AA <t< td=""><td>L102 L104 L105 TC101 TR101</td><td>VPARM2R2MR54N 9GHLD602 VPARM330K4R3N 9GHCV039 9GHLD1080</td><td>)            </td><td>NL252018-2R2J 2.2u NL252018-390J 39u NL252018-220J 22u 4CRJA030E11 30P 0236JSP-121 AFT Coil</td><td>AF AC AH AH</td></t<>	L102 L104 L105 TC101 TR101	VPARM2R2MR54N 9GHLD602 VPARM330K4R3N 9GHCV039 9GHLD1080	)           	NL252018-2R2J 2.2u NL252018-390J 39u NL252018-220J 22u 4CRJA030E11 30P 0236JSP-121 AFT Coil	AF AC AH AH
CAPASITORS  C101 VCKYTV1HB103K J 0.01 50V Ceramic AA C102 9GHCDPE71071AC J 100 10V Electrolytic AF C103 VCKYTV1HB103K J 0.01 50V Ceramic AA C104 VCEAPF1HW475M J 4.7 50V Electrolytic AB C105 VCKYTV1HB103K J 0.01 50V Ceramic AA C106 VCKYTV1HB103K J 0.01 50V Ceramic AA C106 VCKYTV1HB103K J 0.01 50V Ceramic AA C107 VCKYTV1HB103K J 0.01 50V Ceramic AA C108 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 0.01 50V Ceramic AA C113 VCEAPF1EW106M J 10 25V Electrolytic AB C114 VCKYTV1HB472K J 4700p 50V Ceramic AA C115 VCKYTV1HB472K J 4700p 50V Ceramic AA C116 VCKYTV1HB472K J 4700p 50V Ceramic AA C116 VCKYTV1EB104K J 0.1 25V Ceramic AB C117 VCEAPF1EW106M J 22 16V Electrolytic AB C120 VCKYTV1HB472K J 4700p 50V Ceramic AA C118 VCEAPF1EW26M J 22 16V Electrolytic AB C120 VCKYTV1HB472K J 4700p 50V Ceramic AA C121 VCKYTV1EB223K J 0.022 25V Ceramic AB C122 VCCCTV1HH150J J 15p 50V Ceramic AA C123 9GHCCPF46841CX J 0.68 25V Ceramic AA C124 VCKYTV1EB104K J 0.1 25V Electrolytic AB C125 VCEAPF1EW106M J 10 25V Electrolytic AB C126 VCEAPF1EW106M J 10 25V Electrolytic AB C127 VCEAPF1EW106M J 10 25V Electrolytic AC C128 VCCCTV1HH330J J 33p 50V CH	VB101				/ND AF
C101 VCKYTV1HB103K J 0.01 50V Ceramic AF C102 9GHCDPE71071AC J 100 10V Electrolytic AF C103 VCKYTV1HB103K J 0.01 50V Ceramic AA C104 VCEAPF1HW475M J 4.7 50V Electrolytic AB C105 VCKYTV1HB103K J 0.01 50V Ceramic AA C106 VCKYTV1HB103K J 0.01 50V Ceramic AA C107 VCKYTV1HB103K J 0.01 50V Ceramic AA C108 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C109 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C110 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C111 VCKYTV1HB103K J 0.01 50V Ceramic AA C112 VCKYTV1HB103K J 1000p 50V Ceramic AA C113 VCEAPF1EW106M J 10 25V Electrolytic AB C114 VCKYTV1HB472K J 4700p 50V Ceramic AA C115 VCKYTV1HB472K J 4700p 50V Ceramic AA C116 VCKYTV1BB104K J 0.1 25V Ceramic AA C117 VCEAPF1HW475M J 4.7 50V Electrolytic AB C118 VCEAPF1CW226M J 22 16V Electrolytic AB C120 VCKYTV1HB472K J 4700p 50V Ceramic AA C121 VCKYTV1B823K J 0.022 25V Ceramic AA C122 VCCCTV1HH150J J 15p 50V Ceramic AA C123 9GHCCPF46841CX J 0.68 25V Ceramic AA C124 VCKYTV1EB104K J 0.1 25V Ceramic AA C125 VCEAPF1HW475M J 4.7 50V Electrolytic AB C126 VCEAPF1EW106M J 10 25V Electrolytic AB C127 VCEAPF1EW106M J 47 16V Electrolytic AB C128 VCCCTV1HH330J J 33p 50V CH	,,,,,,,				
	C102 C103 C104 C105 C106 C107 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C120 C121 C122 C123 C124 C125 C126 C127 C128	9GHCDPE71071A VCKYTV1HB103K VCEAPF1HW475N VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB103K VCKYTV1HB102K VCKYTV1HB102K VCEAPF1EW106N VCKYTV1HB472K VCKYTV1EB104K VCEAPF1CW226N VCKYTV1EB104K VCEAPF1CW226N VCKYTV1HB472K VCKYTV1EB104K VCEAPF1CW476N VCEAPF1CW476N VCEAPF1CW476N VCEAPF1CW476N		100 10V Electrolyti 0.01 50V Ceramic 4.7 50V Electrolyti 0.01 50V Ceramic 1000p 50V Ceramic 1000p 50V Ceramic 1000p 50V Ceramic 1001 25V Electrolyti 1000p 50V Ceramic 1001 25V Ceramic 1001 25V Ceramic 1001 25V Ceramic 1001 25V Ceramic 1002 25V Ceramic 15p 50V Electrolyti 164.7 50V Electrolyti 170 25V Electrolyti 181 25V Electrolyti 181 25V Electrolyti 182 25V Ceramic 183 25V Ceramic	C AF AA

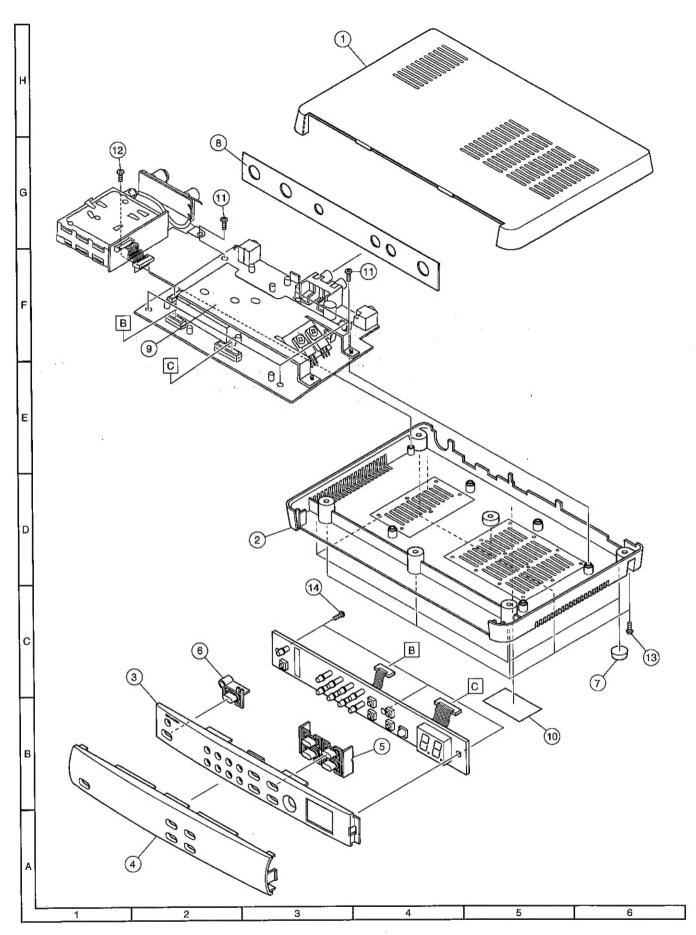
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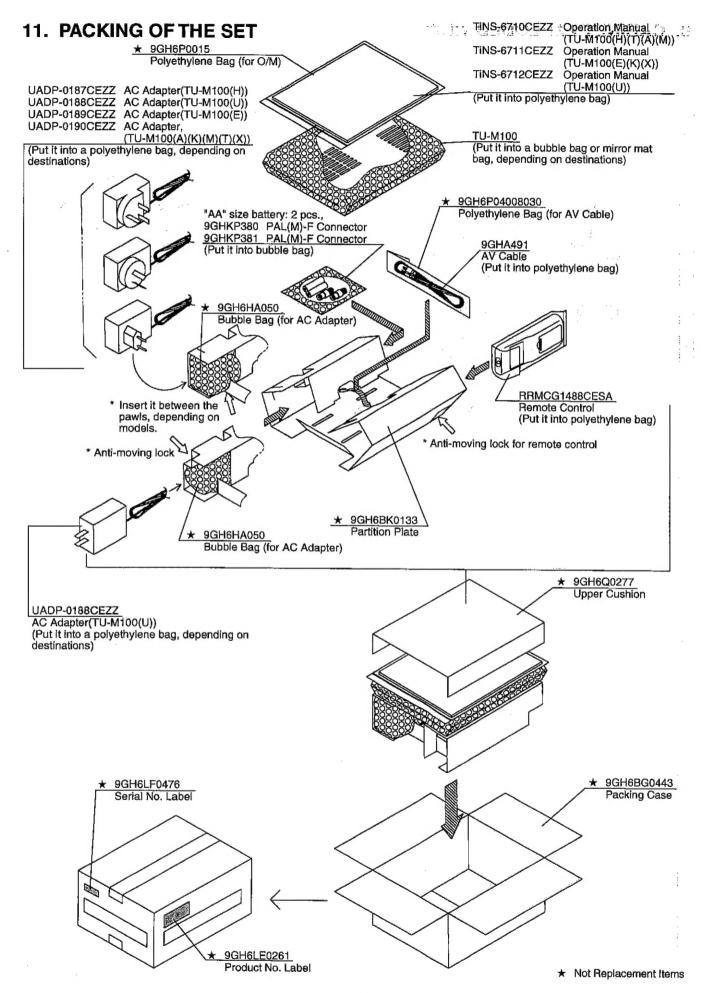
Ref. No.	Part No.	*		Description	Code	Ref. No.	Part No.	*		Description	g C	ode
1/C131	VCKYTV1HB103K	J	0.01	50V Ceramic	AA	R126	VRS-TV1JD682J	J	6.8k	1/10W CH		AA
C132	VCKYTV1HB103K	J	0.01	50V Ceramic	· AA	R127	VRS-TV1JD332J			1/10W CH		AA
C133	VCCCTV1HH180J	J		50V CH	AA	R128	VRS-TV1JD243F	J	24k	1/10W CH		AA
C134	VCCCTV1HH180J	-	18p	50V CH	AA	:R129	VRS-TV1JD272J			1/10W CH	·. ',	· AA
C135 C136	VCCCTV1HH220J	J	•	50V CH	AA	R130	VRS-TV1JD822J			1/10W CH		AA
C130	VCCCTV1HH100D VCCCTV1HH220J	J		50V CH 50V CH	AA	- R131	VRS-TV1JD472J			1/10W CH	1.000	
C138	VCEAPF1CW476M			16V Electrolytic	AA AC	R132 R133	VRS-TV1JD102J		1k	1/10W CH		:AA
C139	VCEAPF1HW475M		4.7	50V Electrolytic		R134	VRS-TV1JD473J VRS-TV1JD100J		47k 10	1/10W CH	3.3	AA
C140	VCKYTV1HB103K	J		50V Ceramic	AA	R135	VRS-TV1JD562J			1/10W CH 1/10W CH	. " :	AA
C141	VCKYTV1HB472K	J		p 50V Ceramic	AA	R136	VRS-TV1JD472J			1/10W CH		AA
C143	9GHCDPE71071AC	J	100	10V Electrolytic	AF	R137	VRS-TV1JD102J		1k	1/10W CH		AA
C144	VCKYTV1HB103K	J	0.01	50V Ceramic	AA	R138	VRS-TV1JD122J			1/10W CH		AA
C145	VCEAPF1CW476M			16V Electrolytic		R139	VRS-TV1JD470J		47	1/10W CH		AA
C146	VCKYTV1HB103K	J		50V Ceramic	AA	R140	VRS-TV1JD102J		1k	1/10W CH		AA
C147 C148	VCCCTV1HH180J VCCCTV1HH180J	J	18p	50V CH	AA	R141	VRS-TV1JD102J		1k	1/10W CH		AA
. C149	VCCCTV1HH180J	J	18p 22p	50V CH 50V CH	AA	R142	VRS-TV1JD105J		1M	1/10W CH		AA
C150	VCCCTV1HH220J	J		50V CH	AA AA	R143 R144	VRS-TV1JD105J		1M	1/10W CH		AA
C151	VCEAPF1CW476M		47	16V Electrolytic	AC	R145	VRS-TV1JD103J VRS-TV1JD103J		10k 10k	1/10W CH		AA
C152	VCKYTV1HB103K		0.01	50V Ceramic	AA	R146	VRS-TV1JD750J		75	1/10W CH 1/10W CH		AA AA
C153	VCEA0U1CW477M		470	16V Electrolytic	AC	R147	VRS-TV1JD103J		10k	1/10W CH		AA
C154	VCEAPF1CW476M	J	47	16V Electrolytic		R148	VRS-TV1JD103J		10k	1/10W CH		AA
C155	VCKYTV1HB103K	J	0.01	50V Ceramic	AA	R149	VRS-TV1JD103J		10k	1/10W CH		AA
C156	VCEAPF1EW106M		10	25V Electrolytic	AB	R150	VRS-TV1JD153J		15k	1/10W CH		ÀA
⊕C157	VCEAPF1EW106M		10	25V Electrolytic		R151	VRS-TV1JD563J	J	.56k	1/10W CH	Spa.	AA
C158	VCEAPF1EW106M		10	25V Electrolytic		R152	VRS-TV1JD821J		820	I/ LOW CH	1171	AA
C159 C160	VCEAPF1CW476M VCKYTV1HB103K	4.	47	16V Electrolytic	AC	R153	VRS-TV1JD104J			1/10W CH		AA
C161	VCEAPF1EW106M	J	0.01	50V Ceramic 25V Electrolytic	AA	R154	VRS-TV1JD154J	J		1/10W CH		AA
.C162	VCEAPF1EW106M			25V Electrolytic 25V Electrolytic	AB AB	R155 R156	VRS-TV1JD103J VRS-TV1JD103J		10k	1/10W CH		AA
C163	9GHCDPE71071AC		100	10V Electrolytic	AF	R157	VRS-TV1JD103J		10k 1k	1/10W CH 1/10W CH		AA
C164	VCKYTV1HB103K	Ĵ	0.01	50V Ceramic	AA	R158	VRS-TV1JD471J		470	1/10W CH		AA
C165	VCKYTV1HB103K	Ĵ	0.01	50V Ceramic	AA	R159	VRS-TV1JD473J		47k	1/10W CH		AA
C166	VCEAPF1CW476M	J	47	16V Electrolytic	AC	R160	VRS-TV1JD101J		100	1/10W CH		AA
C167	9GHCDPE71071AC			10V Electrolytic	AF	R161	VRS-TV1JD101J	J	100	1/10W CH		AA
C168	VCKYTV1HB103K		0.01	50V Ceramic	AA	R162	VRS-TV1JD222J	J	2.2k	1/10W CH		AA
C169	VCEAPF1CW476M		47	16V Electrolytic	AC	R163	VRS-TV1JD103J	-	10k	1/10W CH		AA
C170 C171	VCEAPF1CW476M VCKYTV1HB103K	J	47 0.01	16V Electrolytic	AC	R164	VRS-TV1JD101J		100	1/10W CH		AA
C171	9GHCDPE71071AC		100	50V Ceramic 10V Electrolytic	AA AF	R165 R166	VRS-TV1JD473J		47k	1/10W CH		AA
C173	VCKYTV1HB103K		0.01	50V Ceramic	AA	R167	VRS-TV1JD473J VRS-TV1JD473J		47k 47k	1/10W CH 1/10W CH		AA
C174	VCEA0A1AW227M		220	10V Electrolytic	AB	R168	VRS-TV1JD473J		47k	1/10W CH		AA AA
C175	VCEA0A1HW476M	J	47	50V Electrolytic	AB	R169	VRS-TV1JD473J		47k	1/10W CH		AA
C176	VCKYTV1HB103K	J	0.01	50V Ceramic	AA	R170	VRS-TV1JD103J		10k	1/10W CH		AA
C178	VCEAPF1EW106M		10	25V Electrolytic	AB	R171	VRS-TV1JD103J	J	10k	1/10W CH		AA
C179	VCKYTV1HB103K		0.01	50V Ceramic	AA	R172	VRS-TV1JD103J	J	10k	1/10W CH		AA
C185 C187	VCCCTV1HH220J VCKYTV1HB103K			50V CH	AA	R173	VRS-TV1JD103J			1/10W CH		AA
C188	VCKYTV1HB103K		0.01	50V Ceramic 50V Ceramic	AA	R174	VRS-TV1JD103J		10k	1/10W CH		AA
C189	VCKYTV1HB103K		0.01	50V Ceramic	AA AA	R175 R176	VRS-TV1JD103J VRS-TV1JD271J		10k 270	1/10W CH		AA
C190	VCCCTV1HH221J		220p		AA	R177	VRS-TV1JD271J		270	1/10W CH 1/10W CH		AA
C191	VCKYTV1HB103K		0.01	50V Ceramic	AA	R178	VRS-TV1JD271J		270	1/10W CH		AA AA
						R179	VRS-TV1JD271J		270	1/10W CH		AA
	RESI	ST	ORS			R180	VRS-TV1JD271J		270	1/10W CH		AA
R102	VRS-TV1JD332J			1/10W CH	AA	R181	VRS-TV1JD271J		270	1/10W CH		AA
R103	VRS-TV1JD182J			1/10W CH	AA	R182	VRS-TV1JD271J		270	1/10W CH		AA
R104	VRS-TV1JD821J			1/10W CH	AA	R183	VRS-TV1JD271J		270	1/10W CH		AA
R105	VRS-TV1JD181J			1/10W CH	AA	R184	VRS-TV1JD103J			1/10W CH		AA
R106 ⊕R107	VRS-TV1JD332J VRS-TV1JD182J			1/10W CH 1/10W CH	AA AA	R185 R186	VRS-TV1JD332J VRS-TV1JD103J			1/10W CH 1/10W CH		AA
R108	VRS-TV1JD681J			1/10W CH	AA	R187	VRS-TV1JD103J			1/10W CH		AA
R109	VRS-TV1JD181J			1/10W CH	AA	R188	VRS-TV1JD101J			1/10W CH		AA AA
R110	VRS-TV1JD102J		1k	1/10W CH	AA	R189	VRS-TV1JD472J			1/10W CH		AA
R111	VRS-TV1JD223J			1/10W CH	AA	R190	VRS-TV1JD101J		100	1/10W CH		AA
R112	VRS-TV1JD224J	J	220k	1/10W CH	AA	R191	VRS-TV1JD101J	J	100	1/10W CH		AA
R114	VRS-TV1JD182J			1/10W CH	AA	R192	VRS-TV1JD561J		560	1/10W CH		AA
R115	VRS-TV1JD102J			1/10W CH	AA	R193	VRS-TV1JD681J		680	1/10W CH		AA
R116	VRS-TV1 ID151 I			1/10W CH	AA	R194	VRS-TV1JD101J		100	1/10W CH		AA
R117 R118	VRS-TV1JD151J VRS-TV1JD472J			1/10W CH 1/10W CH	AA	R195 R196	VRS-TV1JD101J VRS-TV1JD102J		100	1/10W CH		AA
R119	VRS-TV1JD101J			1/10W CH	AA AA	R196	VRS-TV1JD102J VRS-TV1JD102J		1k 1k	1/10W CH 1/10W CH		AA
R120	VRS-TV1JD101J		1k	1/10W CH	AA	R198	VRS-TX2HF240J		24	1/2W Metal O	yide	AA AB
R121	VRS-TV1JD102J		1k	1/10W CH	AA	R199	VRS-TV1JD273J		27k	1/10W CH	VICE	AA
R122	VRS-TX2HF240J		24	1/2W Metal Oxide		R200	VRS-TV1JD101J		100	1/10W CH		AA
R123	VRS-TV1JD103J			1/10W CH	AA	R201	VRS-TQ2BD184J			1/2W Metal O	xide	AA
R124	VRS-TV1JD101J		100	1/10W CH	AA							
R125	VRS-TV1JD102J	J	1k	1/10W CH	AA		·					

Ref. No.	Part No. * Description	Code	Ref. No.	Part No.	★ Description Co	ode
T101	TRANSFORMER 9GHE211(TR) J DC-DC Transformer	BB		CABINE	T PARTS	
	MISCELLANEOUS PARTS		1	9GH4P1653C	J Upper Case	AT
01400		AF	2	9GH4P1654C	J Bottom Case	ΑŤ
CN102	9GHKP376 J Connector, 7 Pin	AF	. 3	9GH4P1655D	J Inner Cover	AP
CN103	9GHKP376 J Connector, 7 Pin	AF AF	. 4	9GH4P1656	J Front Cover	AM
CN104	9GHKP377 J Connector, 11 Pin		5	9GH4P1657B	J Button A	AF
<b>∱</b> F101	9GHE212 J Fuse, 250V 630mA	AH			J Button B	ΑT
FF101	9GHFF261 J SAF38.9MXB200Z SAW		6	9GH4P1658B	·	AT
FF102	9GHFF262 J SAF38.9MKC210Z SAW		7	9GH4R0235	J Rubber Foot	
FH101	9GHKF015 J Fuse Holder	AF	8	9GH2H0561	J Rear Identification Plate	AH
FH102	9GHKF015 J Fuse Holder	AF	9	9GH2L1388	J Heat Sink	AP
J101	QJAKE0151CEZZ J Jack, DC In	AE	10	9GH6LB0296	J Standard Identification	AW
J102	9GHKJ476 J Jack, Remote In	AF			Plate	
J103	9GHKJ487 J Jack, Video/Audio Out	AG	11	9GH08030060BB	J Screw 3x6	AC
W101	9GHWB01R30 J Wire	AF	12		J Screw 3x6	AC
			13	9GH30030080AAP	J Screw 3x8	AC
			14	9GH30020060BBP	J Screw 2x6	AC
	9GH8A2073 FRONT UNIT(P201)					
	INTEGRATED CIRCUIT			MISCELLAN	EOUS PARTS	
1C201	9GHA278 J IS1U60L	AR				
				9GH2L1389	J Shield Case	AM
	DIODES			9GH2N1132	J Net A	AF
D201	VHD1SS133//-1 J 1SS133 SW Diode	AA		9GH2N1133	J Net B	AF
D201 D202	VHD1SS133//-1 J 1SS133 SW Diode	AA		9GH2N1134	J Net C	AF
D202 D203	VHD1SS133//-1 J 1SS133 SW Diode VHD1SS133//-1 J 1SS133 SW Diode	AA		9GH2N1138	J RC Ciel	AF
		AA		9GH30030100AAP	J Screw 3x10	AC
D204		AR				
LD201	9GHTOLB502MD J LB-502MD					
LD202	9GHTOTLO124 J TLO124	AF	-		•	
LD203	9GHTOTLO124 J TLO124	AF		SUPPLIED A	CCESSORIES	
LD204	9GHTOTLO124 J TLO124	AF				
LD205	9GHTOTLO124 J TLO124	AF				
LD206	9GHTOTLG124 J TLR124	AF		RRMCG1488CESA	J Remote Control	A۷
LD207	9GHTOTLG124 J TLR124	AF		9GHA491	J AV Cable	AS
LD208	9GHTOTLG124 J TLR124	AF		9GHKP380	J PAL(M)-F Connector	AS
LD209	9GHTOTLG124 J TLR124	AF		9GHKP381	J PAL(M)-F Connector	AS
LD210	9GHTOTLSG126 J TLSG126	AF		TINS-6710CEZZ	J Operation Manual	AL
					(TU-M100(H)(T)(A)(M))	
	SWITCHES			TINS-6711CEZZ	J Operation Manual	AZ
SW201	9GHSS138 J Switch	AF			(TU-M100(E)(K)(X))	
SW202	9GHSS138 J Switch	AF		TiNS-6712CEZZ	J Operation Manual	AV
SW203	9GHSS138 J Switch, Down	AF		,,,,,	(TU-M100(U))	
SW204		AF		UADP-0187CEZZ	J AC Adapter(TU-M100(H))	BH
		AF		UADP-0188CEZZ	J AC Adapter(TU-M100(U))	
344203	9GHSS138 J Switch, Power	731		UADP-0189CEZZ	J AC Adapter(TU-M100(E))	
	MISCELLANEOUS PARTS			UADP-0190CEZZ	J AC Adapter	BH
011004		AG		UADE-01900EZZ	(TU-M100(A)(K)(M)(T)(X))	
CN201 CN202	9GHKJ477 J Connector, 7 Pin 9GHKJ478 J Connector, 11 Pin	AH			(10-11100(1)(11)(11)(11)(11)	,
			-	DACKIN	IG PARTS	
	9GH8A2071 RF UNIT(P301)				CEMENT ITEM)	
	TRANSFORMER			9GH6BG0443	- Packing Case	
Tood		BB		9GH6BK0133	- Partition Plate	_
T301	VTUVTST5HZ64/ J VTST5HZ64	00		9GH6HA050	- Bubble Bag	-
				JOH HANDON	(for AC Adapter)	
	MISCELLANEOUS PARTS			9GH6HM007	- Wrapping Paper	-
CN301	9GHKJ477 J Connector, 7 Pin	AG		9GH6LB0296	- Specification Label	_
W301	9GHA489 J RCA Cable	AN				_
				9GH6LC0063	- Label, NOTAX (TU-M100(M))	_
				DCHELCODEA	- Label, EAN Code	
				9GH6LC0064		
	9GH8A2072 ANT UNIT(P401)			001101 00005	(TU-M100(E)(K)(X))	
				9GH6LC0065	<ul> <li>Label, UPC Code (TU-M100(U))</li> </ul>	_
	prejetone			9GH6LC0066	- Label, CE Mark	_
	RESISTORS			901010000		
R401	VRS-TV1JD240J J 24 1/10WCH	AA		OCHEL COCCO	(TU-M100(E)(K)(X))	
R402	VRS-TV1JD240J J 24 1/10W CH	AA		9GH6LC0068	- Label, H Mark(M100(H))	_
R403	VRS-TV1JD240J J 24 1/10W CH	AA		9GH6LC0067	- Label, NOM Mark	_
				COLICE FORCE	(TU-M100(U))	
	MISCELLANEOUS PART			9GH6LE0261	- Product No. Labe	-
	9GHA490 J PAL Connector Bracket	t AS		9GH6LF0476	- Serial No. Label	***
					- Polyothylope Pos	
				9GH6P0015	<ul> <li>Polyethylene Bag (for O/M)</li> </ul>	_

9GH6P04008030 - Polyethylene Bag —		1.31,44	Contractors	
(för AV Cabe) 9GH6Q0277 - Upper Cushion	55	om odenaT i	4 - 1	
SGI 10Q0277 - Opper Custilon		475 e	: ` : -	
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### 10. CABINET EXPLODED VIEW





# SHARP

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